August 4, 2006

VIA CERTIFIED MAIL

Mary Logan
U S EPA Region V (SR-6J)
77 W Jackson Boulevard
Chicago, IL 60604-3590

Sheila Abraham
Ohio EPA - NE District Office
Div Of Emergency & Remedial Response
2110 East Aurora Road
Twinsburg, OH 44087

Remedial Response Section Manager
Ohio EPA - DERR
P O Box 1049
Lazarus Government Center Office
122 South Front Street
Columbus, OH 43216-1049

Re: JUNE 2006 MONTHLY REPORT
RI/FS & REMEDIAL DESIGN & REMOVAL ACTION
NEASE CHEMICAL SITE
SALEM, OHIO

In accordance with Paragraph X E of the Administrative Order by Consent regarding a Remedial Investigation/Feasibility Study (RI/FS) of the Nease Chemical Site in Salem, Ohio, attached is a copy of the May 2006 RI/FS Progress Report This report also includes the monthly progress report for the remedial design (OU-2) in accordance with Paragraph X of the Administrative Order on Consent, effective as of June 10, 2006.

Additionally, in accordance with Paragraph 14 of the Administrative Order by Consent, signed November 17, 1993, attached is a copy of the June 2006 Removal Action Progress Report

Please contact us if you have any questions regarding activities discussed in these reports

Sincerely,

Rainer Domalski

Dr. Rainer F. Domalski
Site Coordinator

Enclosures

cc: M Hardy/Heidi Goldstein – Thompson Hine
Steve Finn – Golder Associates, Inc

080406

RÜTGERS Organics Corporation

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Member of the RUTGERS Chemicals Group

NEASE CHEMICAL SITE, SALEM, OHIO
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
REMEDIAL DESIGN (OU-2)
MONTHLY PROGRESS REPORT
JULY2006

1. INTRODUCTION

This progress report has been prepared in accordance with Paragraph XE of the Administrative Order of Consent (AOC) regarding a Remedial Investigation/Feasibility Study (RI/FS) and Paragraph X of the Administrative Order on Consent regarding the Remedial Design (RD/OU-2) of the Nease Chemical Site in Salem, Ohio The report summarizes the major RI/FS and RD actions during the month along with investigation results and any problems encountered in the project. Activities planned for next month are also presented

2 SUMMARY OF ACTIVITIES PERFORMED

2 1 PROJECT ACTIVITY SUMMARY

The activities that were initiated and/or completed during the month are described All activities were performed in accordance with the detailed protocol provided in the approved Work Plan.

The Financial Assurance as required in accordance with Paragraph XXVI of the AOC. It was plazed on June 9, 2009.

2 2 FIELDWORK

2 2.1 RI/FS

None

2 2 2 RD (OU-2)

Groundwater samples were taken from well PZ-6B-U on July 12, 2006 for the upcoming NZVI lab bench test.

2.3 Reports

2 3.1 RI/FS

In preparation of the upcoming Feasibility Study (FS) for OU-3 (Feeder Creek, MFLBC), the agencies and ROC agreed on additional sampling in the MFLBC including sediment, fish, surface water and flood plain soil to have a sufficient data base for the study The first step, the reconnaissance of sediment bodies in the MFLBC, was performed from August 1 through 15, 2005. Sediment and fish samples were taken in the week of October 10, 2005, the surface water samples in the last October week. The analytical results of the samples taken were validated by the ROC's technical consultant and submitted to the agencies Sampling locations for the flood plain soil were determined. ROC has obtained an access agreement with the owners The actual sampling is planned for August/September,

2 3 2 RD (OU-2)

The final Record of Decision for Operational Unit #2 (onsite) was signed by the agency on September 29, 2005 The subsequent Administrative Order on Consent (AOC) for the pre-design investigation and design of the remedial action was effective as of May 10, 2006. The draft PDI-

Workplan was submitted to US EPA for review and approval on May 25, 2006. ROC received agencies' comments in a letter dated June 28, 2006 including conditional approval for certain work (topographic mapping, wetland and floodplain delineation, well installation and development, collection samples for S/S/S pilot, NZVI lab bench test).

NZVI lab bench test was initiated with the collection of groundwater samples from well PZ-6B-U Furthermore, the wetland delineation was completed The report was received by mid-July The application for an exemption from formal permitting procedures for Class V 5x26 Aquifer Remediation Projects is also in preparation

After a conference call at the beginning of July, Golder worked on the response to the agencies' PDI workplan comments from June 28, 2006. The revised document was submitted to the agencies on August 5, 2006 for review and final approval

2.4 MEETINGS

None

3 VARIATIONS FROM THE APPROVED WORK PLAN

None

4 RESULTS OF SAMPLING, TESTS AND ANALYSES

None

5 PROJECT SCHEDULE

The current Work Plan schedule identifies completion and target dates for project activities. Those scheduled to occur over the next several months include:

- Feasibility Study OU-3 (Feeder Creek, Middle Fork of Little Beaver Creek)
- Revision and approval of RD PDI Workplan

6 DIFFICULTIES ENCOUNTERED AND ACTION TAKEN TO RESOLVE PROBLEMS

No significant difficulties were encountered

7 PERSONNEL CHANGES

None

8 ANTICIPATED PROJECT ACTIVITIES FOR AUGUST 2006

- Monthly Progress Report July 2006
- RI/FS
  - Develop data base for upcoming FS for OU-3 (Feeder Creek/Middle Fork of Little Beaver Creek)
  - MFLBC Flood plain sampling
- RD (OU-2)
  - Submit revised PDI Workplan incl response to their comments,
  - Submit Class V 5x26 Aquifer Remediation Projects exemption,
  - Commence with the PDI field work,
  - Discuss preliminary NZVI results with agencies

TABLE 1
NEASE CHEMICAL SITE, SALEM, OHIO
RI/FS AND RD (OU-2) SCHEDULE

DATE	TASK/ACTIVITY/DELIVERABLE/MILESTONE	
	RI/FS	**RD (OU-2)**
	Documentation of the Site Activities through July 31, 2004 can be reviewed in the July 2004 Monthly Progress Report	
August 30, 2004	US EPA Region V/ OEPA approve Endangerment Assessment	
September 1, 2004	Draft Feasibility Study (OU-2) submitted to the agencies for review	
September 9, 2004	Submit Monthly Progress Report	
September 13, 2004	Submit Final Revision to Endangerment Assessment	
October 8, 2004	Submit Monthly Progress Report	
November 10, 2004	Submit Monthly Progress Report	
November 22, 2004	Received Agencies' comments for draft FS (OU-2)	
December 10, 2004	Submit Monthly Progress Report	
January 10, 2005	Submit Monthly Progress Report	
February 10, 2005	Submit Monthly Progress Report	
March 1, 2005	Final Draft Feasibility Study (OU-2) submitted to agencies for review	
March 4, 2005	Submit Monthly Progress Report	
April 8, 2005	Submit Monthly Progress Report	
April 21, 2005	US EPA Region V/OEPA approve Final Feasibility Study for OU-2	
May 9, 2005	Submit Monthly Progress Report	
May 31, 2005	US EPA Region V published the Proposed Remedial Action the OU-2 (onsite)	
June 9, 2005	Submit Monthly Progress Report	
July 8, 2005	Submit Monthly Progress Report	
August 10, 2005	Submit Monthly Progress Report	
Aug. 1 – 15, 2005	MFLBC – Reconnaissance of sediment bodies	
September 9, 2005	Submit Monthly Progress Report	
September 29, 2005	US EPA Region V signs Final Record of Decision for OU-2	
October 10, 2005	Submit Monthly Progress Report	

DATE	TASK/ACTIVITY/DELIVERABLE/MILESTONE	
	RI/FS	**RD (OU-2)**
November 9, 2005	Submit Monthly Progress Report	
December 8, 2005	Submit Monthly Progress Report	
January 9, 2006	Submit Monthly Progress Report	
February 8, 2006	Submit Monthly Progress Report	
March 15, 2006	Submit Monthly Progress Report	
April 10, 2006	Submit Monthly Progress Report	
May 8, 2006	Submit Monthly Progress Report	
May 10, 2006		Administrative Order on Consent for OU-2 Remedial Design effective
May 25, 2006		Submittal of draft PDI Workplan
June 8, 2006	Submit Monthly Progress Report	
June 9, 2006		ACO Financial Assurance – Trust Fund placed
June 28, 2006		US EPA comments to draft PDI workplan received
July 10, 2006	Submit Monthly Progress Report	
July 12, 2006		Sampling of well PZ-6B-U
Aug. 1, 2006		Submit revised PDI Workplan
Aug. 4, 2006	Submit Monthly Progress Report	

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NEASE CHEMICAL SITE, SALEM, OHIO
REMOVAL ACTION
MONTHLY PROGRESS REPORT
JULY 2006

1.0 INTRODUCTION

This progress report has been prepared in accordance with Paragraph 14 of the "Order" section of the Administrative Order by Consent (AOC) Docket No. V-W-94-C-212, effective November 17, 1993, regarding a Removal Action for the Nease Chemical Site in Salem, Ohio. The report summarizes the major activities during the month along with investigation results and any problems encountered on the project Activities planned for next month are also presented

2.0 SUMMARY OF ACTIVITIES PERFORMED

2.1 PROJECT ACTIVITY

The activities that were initiated and/or completed during this month are described below Activities were performed in accordance with the Removal Action AOC.

The agencies and ROC discussed modifications of the existing onsite groundwater treatment system to optimize the protection against spills. ROC summarized the modifications agreed by the parties in a letter to the agencies. The work needs to be initiated.

2.2 WORK PLAN PREPARATION/REPORTS

No work plans/reports were submitted this period

2 3 FIELDWORK

2 3 1 SITE INSPECTIONS

The results of the monthly site inspection carried out at the site on July 28, 2006 are shown in Attachment 1

2.3.2 MONTHLY WATER LEVEL MEASUREMENTS

The next water level measurements will be conducted in August 2006.

2.3 3 TREATMENT PLANT OPERATION

The treatment plant operated mostly normal throughout the month

2 4 1 1 MEETINGS

None

3.0 VARIATIONS FROM THE APPROVED REMOVAL ACTION WORK PLAN

None

4.0 RESULTS OF INSPECTIONS, ENVIRONMENTAL SAMPLING, TESTS AND ANALYSES

Water monitoring samples were collected from the treatment plant on July 5 and 17, 2006 (see Attachments 2 and 3). The July 17 results only include the analytical for VOCs. The other results

will be reported with next month's report. The next acute toxicity evaluation will be performed in August 2006.

5.0 PROJECT SCHEDULE

The updated Work Plan schedule identifies completion and target dates for project activities

6.0 DIFFICULTIES ENCOUNTERED AND ACTION TAKEN TO RESOLVE PROBLEMS

As result of an OEPA site inspection in April 2004 and the overflow of the GWTP influent tank in June 2004 ROC has proposed some modification of the groundwater treatment system US EPA Region V and OEPA approved the proposed changes Golder, ROC's consultant, has submitted a detailed design that will be subject to the agencies' review Final modifications were agreed on during a conference call on August 16, 2005 The results were summarized in a letter report to the agencies. Golder will initiate the work.

7.0 PERSONNEL CHANGES

No personnel changes occurred during month.

8.0 TYPES AND QUANTITIES OF REMOVED MATERIALS

For the period from July 1 through 31, 2006 the following material was removed.

- 15,600 gallons of leachate and/or backwash water were disposed off-site at a licensed treatment facility
- Approximately 100,932 gallons were pumped from Leachate Collection System 1 (LCS-1) (total for LCS-1 =18,743,616 gal)
- Approximately 13,665 gallons were pumped from Leachate Collection System 2 (LCS-2) (total for LCS-2 = 1,465,955 gal)
- No water was pumped from Pond 1 (total for the pond = 1,021,138/ gallons)
- Approximately 18 pounds of organic compounds were removed during pumping (estimate based on average VOC/SVOC concentrations for each source)

9.0 ANTICIPATED PROJECT ACTIVITIES FOR AUGUST 2006

Removal Action activities scheduled for the upcoming month include on-going implementation of the approved Removal Action Work Plan involving.

- Collection of groundwater from the existing collection systems LCS-1, LCS-2 and Pond 1.
- Implementation of planned treatment plant modifications
- Monthly Progress Report for July 2006

TABLE 1
NEASE CHEMICAL SITE, SALEM, OHIO
REMOVAL ACTION SCHEDULE

DATE	TASK/ACTIVITY/DELIVERABLE/MILESTONE
	Documentation of the Site Activities through July 31, 2004 can be reviewed in the July 2004 Monthly Progress Report
September 9, 2004	Submit Monthly Progress Report
October 8, 2004	Submit Monthly Progress Report
November 10, 2004	Submit Monthly Progress Report
December 10, 2004	Submit Monthly Progress Report
January 10, 2005	Submit Monthly Progress Report
February 10, 2005	Submit Monthly Progress Report
March 4, 2005	Submit Monthly Progress Report
April 8, 2005	Submit Monthly Progress Report
May 9, 2005	Submit Monthly Progress Report
June 9, 2005	Submit Monthly progress Report
July 8, 2005	Submit Monthly Progress Report
August 10, 2005	Submit Monthly Progress Report
September 9, 2005	Submit Monthly Progress Report
October 10, 2005	Submit Monthly Progress Report
November 9, 2005	Submit Monthly Progress Report
December 8, 2005	Submit Monthly Progress Report
January 9, 2006	Submit Monthly Progress Report
February 8, 2006	Submit Monthly Progress Report
March 15, 2006	Submit Monthly Progress Report
April 10, 2006	Submit Monthly Progress Report
May 8, 2006	Submit Monthly Progress Report
June 8, 2006	Submit Monthly Progress Report
July 10, 2006	Submit Monthly Progress Report
August 4, 2006	Submit Monthly Progress Report

ATTACHMENT 1

RESULTS OF MONTHLY SITE INSPECTION
NEASE CHEMICAL SITE, SALEM, OHIO
JULY 2006

SITE INSPECTION FORM
RUETGERS-NEASE CORPORATION
Nease Site, Salem, Ohio

Date of Inspection: 7-28-06

Entry Time: 800 Hrs. Exit Time: 1200 Hrs.

Weather: Partly Cloudy 85°

Inspector's Name: Dennis L. Lane

Inspector's Company: Howells and Baird, Inc.

INSPECTION RESULTS

SPECIFIC OBSERVATIONS: Structures

(Responses: S = Satisfactory U = Unsatisfactory Yes/No Levels Measured in Feet, N/A = Not Applicable)

	Pump	Quick Connect	Water Level	Berm Erosion	Visible Leakage
Leachate Collection System 1 (LCS-1)	S	S	8.34	N/A	No
Leachate Collection System 2 (LCS-2)	S	S	11.21	N/A	No
Pond 1 Pumphouse	S	S	9.54	N/A	No
Pond 1 Berm	N/A	N/A	N/A	No	No
Pond 2 Embankment	N/A	N/A	N/A	No	No
Exclusion Area A Embankment	N/A	N/A	N/A	No	No
Storage Tank	N/A	S	3.73	N/A	No
Other (specify)					

SPECIFIC OBSERVATIONS: Sediment Barriers

Condition of Sediment Barriers

Barrier ID	Fabric Intact?	By Passing Evident?	Is Maintenance Necessary?
Sediment Control Structure 1	Yes	No	No
Sediment Control Structure 2	Yes	No	No
Fabric Barrier 2	Yes	No	No
Fabric Barrier 3	Yes	No	No
Fabric Barrier 4	Yes	No	No
Fabric Barrier 5	Yes	No	No
Fabric Barrier 8	Yes	No	No
Fabric Barrier 9	Yes	No	No
Fabric Barrier 10	Yes	No	No
Rock Barrier 1	Yes	No	No
Rock Barrier 2	Yes	No	No
Pond 7 - North	Yes	No	No
Pond 7 - South	Yes	No	No

SPECIFIC OBSERVATIONS: Seeps (if present, use more forms, as necessary)

Seep ID (yr-month-#)*	Located on Map	Areal Extent (ft2)	Magnitude (flow?, ponding?)
94-7-1	Yes	20	Non-Flowing Seep
96-8-2	Yes	20	Non-Flowing Seep

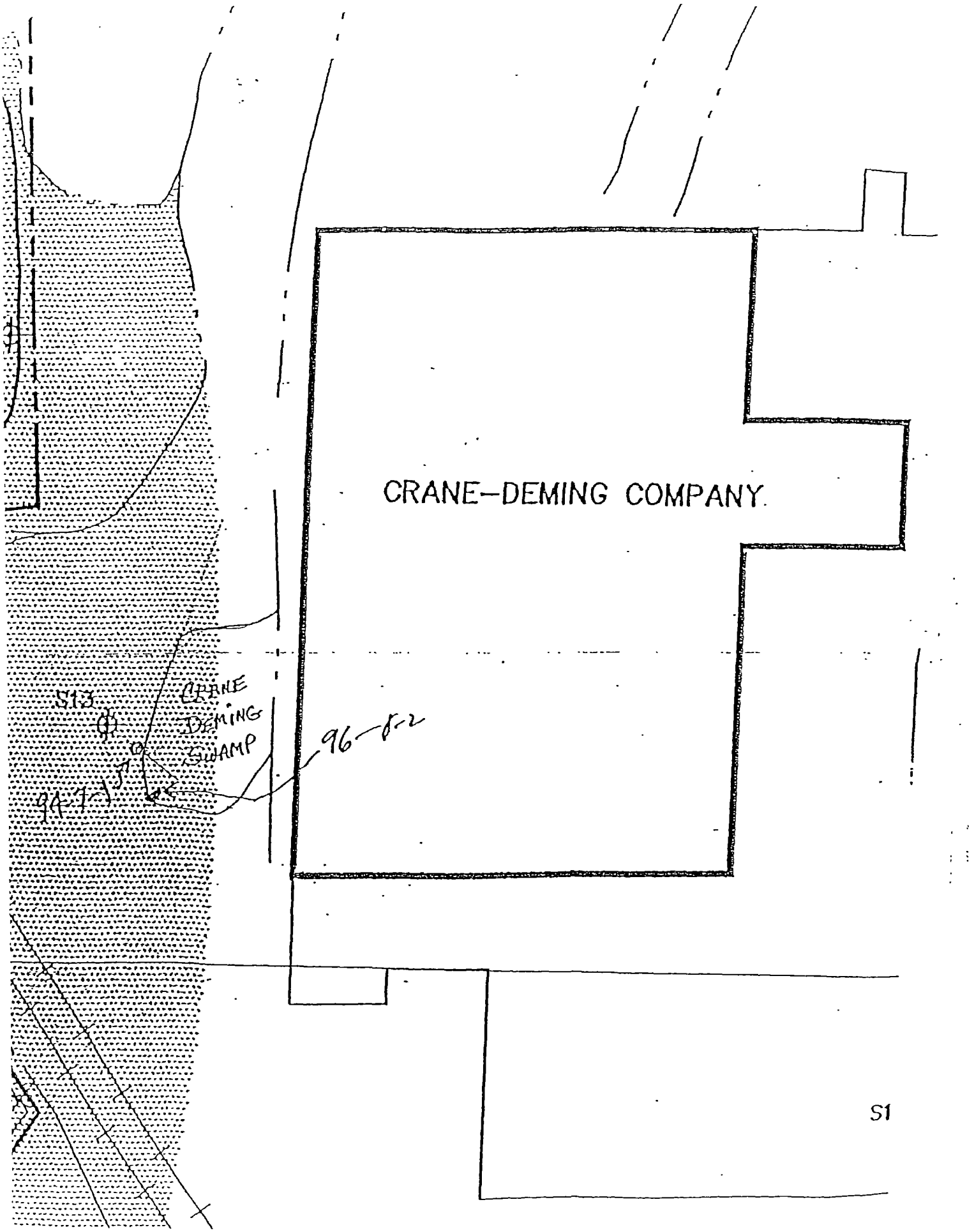
Note Seep ID # equal the "nth' observed seep during the yr-month in question

ADDITIONAL OBSERVATION OR REMARKS:

Inspector's Name: Dennis L. Lane

Inspector's Signature: Dennis L. Lane

Date: 7-28-06


CRANE–DEMING COMPANY
S13
CRANE
DEMING
SWAMP
96-8-2
94-7-1
S1

ATTACHMENT 2

WATER LEVEL MEASUREMENT RESULTS – JULY 5, 2006
NEASE CHEMICAL SITE, SALEM, OHIO

Rutgers Organics Corporation

Client Sample ID: INFLUENT 7-5-06

General Chemistry

Lot-Sample #...: A6G060157-001 **Work Order #...:** H8P6H **Matrix.....:** WG
Date Sampled...: 07/05/06 13:00 **Date Received..:** 07/06/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrate as N	ND	0.10	mg/L	MCAWW 300.0A	07/06/06	6188162
	Dilution Factor: 1					
Nitrite as N	ND	0.10	mg/L	MCAWW 300.0A	07/06/06	6188160
	Dilution Factor: 1					
Nitrogen, as Ammonia	**2.2**	**2.0**	**mg/L**	**MCAWW 350.2**	**07/11/06**	**6192289**
	Dilution Factor: 1					
Total phosphorus	ND	0.1	mg/L	MCAWW 365.2	07/08/06	6189075
	Dilution Factor: 1					

Rutgers Organics Corporation

Client Sample ID: OUTFALL 7-5-06

General Chemistry

Lot-Sample #...: A6G060157-002 **Work Order #...:** H8P6L **Matrix.....:** WG
Date Sampled...: 07/05/06 13:00 **Date Received..:** 07/06/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrate as N	ND	0.10	mg/L	MCAWW 300.0A	07/06/06	6188162
		Dilution Factor: 1				
Nitrite as N	ND	0.10	mg/L	MCAWW 300.0A	07/06/06	6188160
		Dilution Factor: 1				
Nitrogen, as Ammonia	ND	2.0	mg/L	MCAWW 350.2	07/11/06	6192289
		Dilution Factor: 1				
Total phosphorus	**0.1**	**0.1**	**mg/L**	**MCAWW 365.2**	**07/08/06**	**6189075**
		Dilution Factor: 1				

Chain of Custody Record

SEVERN TRENT STL®

Severn Trent Laboratories, Inc.

13

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Rutgers Organics Corp.	Dr. Rainer Domalski	7-5-06	273100
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
201 Struble Road	(814) 231-9200 (814) 238-5383		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
State College / PA / 16801	Denny Lane		
Project Name and Location (State)	**Carrier/Waybill Number**		
Salem, OHIO Site			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: Nitrate & Nitrite	Ammonia & Phosphorus	Special Instructions/ Conditions of Receipt
Influent 7-5-06	7-5-06	1300		X			X						1		
Outfall 7-5-06	7-5-06	1300		X			X						1		
Influent 7-5-06	7-5-06	1300		X				X						1	
Outfall 7-5-06	7-5-06	1300		X				X						1	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1 Relinquished By: G.L.W.	7-5-06	1400	1 Received By:	7/6/06	0925
2 Relinquished By	Date	Time	2 Received By	Date	Time
3 Relinquished By	Date	Time	3 Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report, CANARY - Stays with the Sample, PINK - Field Copy

STL North Canton

ATTACHMENT 3

WATER SAMPLING RESULTS – JULY 17, 2006
NEASE CHEMICAL SITE, SALEM, OHIO

SEVERN TRENT STL

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

SALEM, OHIO SITE

Lot #: A6G180166

Dr. Rainer Domalski

Rutgers Organics Corporation
201 Struble Road
State College, PA 16801

SEVERN TRENT LABORATORIES, INC.

Kenneth J. Kuzior
Project Manager

July 27, 2006

SEVERN TRENT STL

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

SALEM, OHIO SITE

Lot #: A6G180166

Dr. Rainer Domalski

Rutgers Organics Corporation
201 Struble Road
State College, PA 16801

SEVERN TRENT LABORATORIES, INC.

Kenneth J. Kuzior
Project Manager

July 27, 2006

Rutgers Organics Corporation

Client Sample ID: AGAC 1-2-7-17-06

GC/MS Volatiles

Lot-Sample #...: A6G180166-005 **Work Order #...:** H9F5F1AA **Matrix.....:** AA
Date Sampled...: 07/17/06 13:00 **Date Received..:** 07/18/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/19/06
Prep Batch #...: 6204020
Dilution Factor: 1 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	1.0	ppb(v/v)
Bromoform	ND	1.0	ppb(v/v)
Dibromochloromethane	ND	1.0	ppb(v/v)
Dibromomethane	ND	1.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	1.0	ppb(v/v)
Cumene	ND	1.0	ppb(v/v)
n-Propylbenzene	ND	1.0	ppb(v/v)
1,2,3-Trichloropropane	ND	2.5	ppb(v/v)
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Chloroethane	ND	2.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	1.0	ppb(v/v)
1,1-Dichloroethane	ND	1.0	ppb(v/v)
cis-1,2-Dichloroethene	ND	1.0	ppb(v/v)
Chloroform	ND	1.0	ppb(v/v)
1,1,1-Trichloroethane	ND	1.0	ppb(v/v)
Carbon tetrachloride	ND	1.0	ppb(v/v)
Benzene	**1.5**	**1.0**	**ppb(v/v)**
1,2-Dichloroethane	ND	1.0	ppb(v/v)
Trichloroethene	ND	1.0	ppb(v/v)
1,2-Dichloropropane	ND	1.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	1.0	ppb(v/v)
Toluene	**12**	**1.0**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	1.0	ppb(v/v)
1,1,2-Trichloroethane	ND	1.0	ppb(v/v)
Tetrachloroethene	ND	1.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	1.0	ppb(v/v)
Chlorobenzene	ND	1.0	ppb(v/v)
Ethylbenzene	ND	1.0	ppb(v/v)
m-Xylene & p-Xylene	**2.5**	**1.0**	**ppb(v/v)**
o-Xylene	ND	1.0	ppb(v/v)
Styrene	**3.4**	**1.0**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	1.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	1.0	ppb(v/v)
1,3-Dichlorobenzene	ND	1.0	ppb(v/v)
1,4-Dichlorobenzene	ND	1.0	ppb(v/v)
1,2-Dichlorobenzene	**12**	**1.0**	**ppb(v/v)**

(Continued on next page)

Rutgers Organics Corporation

Client Sample ID: AGAC 1-2-7-17-06

GC/MS Volatiles

Lot-Sample #...: A6G180166-005 Work Order #...: H9F5F1AA Matrix.....: AA

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(70 - 130)
Toluene-d8	105	(70 - 130)
4-Bromofluorobenzene	91	(70 - 130)

Rutgers Organics Corporation

AGAC 1-2-7-17-06

GC/MS Volatiles

Lot-Sample #: A6G180166-005 **Work Order #:** H9F5F1AA **Matrix:** AA

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Ethyne, chloro-	593-63-5	4.4 NJ	M	4.0112	ppb(v/v)
Isobutane	75-28-5	7.4 NJ	M	4.0758	ppb(v/v)
Unknown		4.0 NJ	M	4.1725	ppb(v/v)
Butane	106-97-8	14 NJ	M	4.3123	ppb(v/v)
Butane, 2-methyl-	78-78-4	52 NJ	M	5.1673	ppb(v/v)
Unknown		4.1 NJ	M	5.5276	ppb(v/v)
Pentane	109-66-0	85 NJ	M	5.6298	ppb(v/v)
Methylene Chloride	75-09-2	5.8 NJ	M	6.5009	ppb(v/v)
Pentane, 2-methyl-	107-83-5	5.2 NJ	M	7.3452	ppb(v/v)
Hexane	110-54-3	3.5 NJ	M	8.34	ppb(v/v)
Ethyl Acetate	141-78-6	27 NJ	M	8.9369	ppb(v/v)
Cobalt, (2-methyl-.eta.-3-prop	100015-70-4	26 NJ	M	18.255	ppb(v/v)
Undecane	1120-21-4	3.7 NJ	M	19.858	ppb(v/v)
Acetic acid, 2-ethylhexyl este	103-09-3	3.0 NJ	M	20.406	ppb(v/v)

NOTE(S):

M Result was measured against nearest internal standard assuming a response factor of 1

Rutgers Organics Corporation

Client Sample ID: AGAC F-7-17-06

GC/MS Volatiles

Lot-Sample #...: A6G180166-006 **Work Order #...:** H9F5M1AA **Matrix.....:** AA
Date Sampled...: 07/17/06 13:00 **Date Received..:** 07/18/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/19/06
Prep Batch #...: 6204020
Dilution Factor: 1 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	1.0	ppb(v/v)
Bromoform	ND	1.0	ppb(v/v)
Dibromochloromethane	ND	1.0	ppb(v/v)
Dibromomethane	ND	1.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	1.0	ppb(v/v)
Cumene	ND	1.0	ppb(v/v)
n-Propylbenzene	ND	1.0	ppb(v/v)
1,2,3-Trichloropropane	ND	2.5	ppb(v/v)
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Chloroethane	ND	2.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	1.0	ppb(v/v)
1,1-Dichloroethane	ND	1.0	ppb(v/v)
cis-1,2-Dichloroethene	ND	1.0	ppb(v/v)
Chloroform	ND	1.0	ppb(v/v)
1,1,1-Trichloroethane	ND	1.0	ppb(v/v)
Carbon tetrachloride	ND	1.0	ppb(v/v)
Benzene	ND	1.0	ppb(v/v)
1,2-Dichloroethane	ND	1.0	ppb(v/v)
Trichloroethene	ND	1.0	ppb(v/v)
1,2-Dichloropropane	ND	1.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	1.0	ppb(v/v)
Toluene	**2.0**	**1.0**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	1.0	ppb(v/v)
1,1,2-Trichloroethane	ND	1.0	ppb(v/v)
Tetrachloroethene	ND	1.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	1.0	ppb(v/v)
Chlorobenzene	ND	1.0	ppb(v/v)
Ethylbenzene	ND	1.0	ppb(v/v)
m-Xylene & p-Xylene	ND	1.0	ppb(v/v)
o-Xylene	ND	1.0	ppb(v/v)
Styrene	ND	1.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	1.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	1.0	ppb(v/v)
1,3-Dichlorobenzene	ND	1.0	ppb(v/v)
1,4-Dichlorobenzene	ND	1.0	ppb(v/v)
1,2-Dichlorobenzene	**14**	**1.0**	**ppb(v/v)**

(Continued on next page)

Rutgers Organics Corporation

Client Sample ID: AGAC F-7-17-06

GC/MS Volatiles

Lot-Sample #...: A6G180166-006 Work Order #...: H9F5M1AA Matrix.....: AA

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(70 - 130)
Toluene-d8	105	(70 - 130)
4-Bromofluorobenzene	92	(70 - 130)

Rutgers Organics Corporation

AGAC F-7-17-06

GC/MS Volatiles

Lot-Sample #: A6G180166-006 **Work Order #:** H9F5M1AA **Matrix:** AA

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Acetaldehyde	75-07-0	3.3 NJ	M	4.2097	ppb(v/v)
1-Decene	872-05-9	3.5 NJ	M	18.459	ppb(v/v)

NOTE(S):

M Result was measured against nearest internal standard assuming a response factor of 1

Chain of Custody Record

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

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STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Rutgers Organics Corp.	Dr. Rainer Domalski	7-17-06	270313
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
201 Struble Road	(814) 231-9200 (814) 238-5383		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
State College / PA. / 16801	Denny Lane		
Project Name and Location (State)	**Carrier/Waybill Number**		
Salem, Ohio Site			
Contract/Purchase Order/Quote No			

Sample I D No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: TSS, TDS, pH, MPK	SVOC	Pesticides	BOD	VOC	TOC	O+G	COD, NH_3	Cyanide	Iron + Metals
Influent 7-17-06	7-17-06	1300		X			X			X			1	2	1			3				
LGAC 2-3-7-17-06	7-17-06	1300		X			X						1	2								
Outfall 7-17-06	7-17-06	1300		X			X						1	2	2	2	1					
LGAC 2-3-7-17-06	7-17-06	1300		X						X								3					
Outfall 7-17-06	7-17-06	1300		X						X								3					
Outfall 7-17-06	7-17-06	1300		X				X	X										2	2	1		
Outfall 7-17-06	7-17-06	1300		X							X										1		
Outfall 7-17-06	7-17-06	1300		X					X													1	

Special Instructions/ Conditions of Receipt

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

		Date	Time
1 Relinquished By	D.L.L.	7-17-06	1500
2 Relinquished By			
3 Relinquished By			

		Date	Time
1 Received By		7-18-06	9:20
2 Received By			
3 Received By			

Comments

STL North canton

DISTRIBUTION. WHITE - Returned to Client with Report, CANARY - Stays with the Sample PINK - Field Copy